

# Product Information

## Recombinant Anti-Human tnfrsf10a Antibody

Cat. No.: **MOM-18344**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody is specific to Human TNFRSF10A, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B.

### Specific Activity

Tested positive against native antigen.

### Target

TNFRSF10A

### Immunogen

Fusion protein (Human). Fusion protein containing the extracellular part of DR4 and the constant part of the heavy chain of the human IgG1.

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

### Applications

Suitable for use in FuncS, IF, Neut and most other immunological methods.

### Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

**Gene Name**

[TNFRSF10A tumor necrosis factor receptor superfamily, member 10a \[ Homo sapiens \]](#)

**Official Symbol**

TNFRSF10A

**Synonyms**

TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2; APO2; TRAILR1; TRAILR-1; MGC9365

**Gene ID**

[8797](#)

**mRNA Refseq**

[NM\\_003844](#)

**Protein Refseq**

[NP\\_003835](#)

**MIM**

[603611](#)

**UniProt ID**

O00220

**Chromosome Location**

8p21

**Pathway**

Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;

**Function**

TRAIL binding; death receptor activity; protein binding; receptor activity; transcription factor binding;